

# SPECIFICATION CONTROL DRAWING

55FA0431

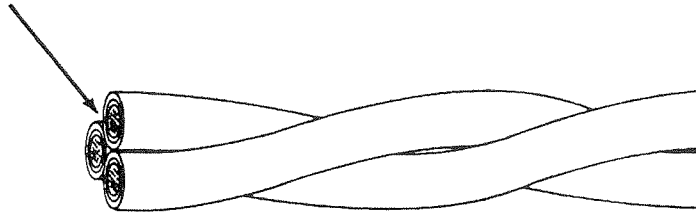
TITLE THREE CONDUCTOR CABLE, FILTER LINE - ELECTROLOSS™

Date 2-26-92

Revision F

This specification sheet forms a part of the latest issue of Raychem Specification 55F.

COMPONENT WIRES - 55FA0411



### CABLE CONSTRUCTION DETAILS

PART NUMBER	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (in.)		MAXIMUM WEIGHT (lb/1000 ft.)
		NOMINAL	MAXIMUM	
55FA0431-22-*	22	.134	.141	15.6
55FA0431-20-*	20	.151	.159	21.4
55FA0431-18-*	18	.173	.182	29.7
55FA0431-16-*	16	.186	.195	35.8
55FA0431-14-*	14	.216	.227	50.8
55FA0431-12-*	12	.274	.283	79.9
55FA0431-10-*	10	.326	.337	120.

### CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C  
 Maximum continuous conductor temperature  
 VOLTAGE RATING: 600 volts (rms)  
 \* BLOCKING: 200 ± 3°C for 6 hours  
 INSULATION FLAWS:  
 Spark Test, 3.0 kV (rms), 60 Hz  
 Impulse Dielectric Test, 8.0 kV (peak)  
 VOLTAGE WITHSTAND (DIELECTRIC): Conductor to conductor, 1500 volts (rms) 60 Hz

PART NUMBER:  
 The \*\*\* in the part numbers above shall be replaced by color code designators; except that violet shall be light violet and the designator shall be 7L; with a slash separating the component wire colors.  
 Example: AWG 22, light violet, light violet with blue stripe and light violet with orange stripe  
 component wires: 55FA0431-22-7L/7L6/7L3

\* Qualification Test

NOTE: Nominal values are for information only.  
 Nominal values are not requirements.

COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-881

DIMENSIONS ARE IN INCHES, AND UNLESS OTHERWISE DESIGNATED ARE NOMINAL

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